

Appl. No. 10/714,793
Atty. Docket No. CM1857M2CC
Amdt. dated December 16, 2003
Reply to Office N/A
Customer No. 27752

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-24 Canceled

25. (new) A laundry and cleaning composition comprising:
 - a.) a deterotive ingredient; and
 - b.) product of reaction between:
 - (i) a primary and/or secondary amine compound, said primary and/or secondary amine compound having an Odor Intensity Index of less than that of a 1% solution of methylanthranilate in dipropylene glycol; and
 - (ii) a perfume component selected from a ketone, an aldehyde, and mixtures thereof;said product of reaction having a Dry Surface Odor Index of more than 5.
26. (new) A composition according to Claim 25, wherein said primary and/or secondary amine compound has an empirical formula selected from:
$$B-(NH_2)_n; B-(NH)_n; \text{ or } B-(NH)_n-(NH_2)_n$$
wherein B is a carrier material, and each n is independently an index of value of at least 1.
27. (new) A composition according to Claim 26, wherein said carrier material B comprises an organic carrier.
28. (new) A composition according to Claim 26, wherein said carrier material B comprises an inorganic carrier.
29. (new) A composition according to Claim 26, wherein said carrier material B comprises an amino functionalized polydi-alkylsiloxane.

30. (new) A composition according to Claim 25, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of aminoaryl derivatives, polyamines, amino acids and amino acid derivatives, substituted amines and amides, dendrimers, amino-substituted di-, oligo-, poly-saccharides and mixtures thereof.
31. (new) A composition according to Claim 30, wherein said primary and/or secondary amine compound comprises an aminobenzene derivative.
32. (new) A composition according to Claim 31, wherein said primary and/or secondary amine compound comprises an aminobenzene derivative selected from the group consisting of alkyl esters of 4-amino benzoate compounds, aryl esters of 4-amino benzoate compounds and mixtures thereof.
33. (new) A composition according to Claim 32, wherein said primary and/or secondary amine compound comprises an aminobenzene derivative selected from the group consisting of ethyl-4-amino benzoate, phenylethyl-4-aminobenzoate, phenyl-4-aminobenzoate, 4-amino-N'-(3-aminopropyl)-benzamide, and mixtures thereof.
34. (new) A composition according to Claim 30, wherein primary and/or secondary amine compound comprises a material selected from the group consisting of polyethyleneimines, 2,2',2"-triaminotriethylamine; 2,2'-diamino-diethylamine; 3,3'-diamino-dipropylamine, 1,3 bis aminoethylcyclohexane; poly[oxy(methyl-1,2-ethanediyl)], α -(2-aminomethyl ethyl)- ω -(2-amino-methylethoxy)-; poly[oxy(methyl-1,2-ethanediyl)], α -hydro-) ω -(2-amino-methylethoxy)-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol; C₁₂ Sternamines; and mixtures thereof.
35. (new) A composition according to Claim 30, wherein said primary and/or secondary amine compound comprises an aminoacid, an amino acid derivative and mixtures thereof.
36. (new) A composition according to Claim 35, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of tyrosine, tryptophane, lysine, glutamic acid, glutamine, aspartic acid, arginine, asparagine, phenylalanine, proline, glycine, serine, histidine, threonine, methionine, tyrosine ethylate, tyrosine phenyl ester, tryptophane ethylate tryptophane phenyl ester, glycine methylate, and mixtures thereof.

37. (new) A composition according to Claim 36, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of tyrosine, tryptophane, and mixtures thereof.

38. (new) A composition according to Claim 30, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of substituted amines, substituted amides and mixtures thereof.

39. (new) A composition according to Claim 38, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of nipecotamide, N-coco-1,3-propenediamine; N-oleyl-1,3-propenediamine; N-(tallow alkyl)-1,3-propenediamine; 1,4-diamino cyclohexane; 1,2-diamino-cyclohexane; 1,12-diaminododecane, and mixtures thereof.

40. (new) A composition according to Claim 30, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of polyamidoamine dendrimers, polyethylenimine dendrimers, polypropylenimine dendrimers, diaminobutane polyamine dendrimers having the formula DAB (PA)_x .wherein x = 2ⁿ x 4 and n is an integer from 0 to 4, and mixtures thereof.

41. (new) A composition according to Claim 25, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of amino-substituted disaccharides in the acetal or ketal form of lactose, maltose, sucrose and/or cellobiose; amino-substituted oligo-saccharides and/or amino-substituted poly-saccharides of cyclodextrin, chitosan, cellulose, starch, gueran, mannan and/or dextran; and/or mixtures thereof.

42. (new) A composition according to Claim 41, wherein said primary and/or secondary amine compound comprises a material selected from the group consisting of Amino alginate, Diamino alginate, Hexanediamine alginate, dodecanediamine alginate, 6-amino-6-deoxy cellulose, O-ethylamine cellulose, O-methylamine cellulose, 3-amino-3-deoxy cellulose, 2-amino-2 deoxy cellulose, 2,3-diamino-2,3-dideoxy cellulose, 6-[N-(1,6-hexanediamine)]-6-deoxy cellulose, 6-[N-(1, 12-dodecanediamine)]-6-deoxy cellulose, O-[methyl-(N-1,6-hexanediamine)] cellulose, O-[methyl-(N-1,12-dodecanediamine)] cellulose, 2,3-di-[N-(1,12-dodecanediamine)] cellulose, 2,3-diamino-2,3-deoxy alpha-cyclodextrin, 2,3-diamino-2,3-deoxy beta-cyclodextrin, 2,3-diamino-2,3-deoxy gamma-cyclodextrin, 6-amino-6-deoxy alpha-cyclodextrin, 6-amino-6-deoxy beta-

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cyclodextrin, O-ethyleamino beta-cyclodextrin, 6[N-(1,6-hexanediamino)-6-deoxy alpha cyclodextrin, 6[N-(1,6-hexanediamino)-6-deoxy beta cyclodextrin, Amino dextran, N-[di-(1,6-hexanediamine)] dextran, N-[di-(1,12-dodecanediamine)] dextran, 6-amino-6-deoxy-alpha-D-galactosyl-guaran, O-ethylamino guaran, Diamino guaran, 6-amino-6-deoxy-starch, O-ethylamino starch, 2,3-diamine-2,3-dideoxy starch, N-[6-(1,6-hexanediamine)]-6-deoxy starch, N-[6-(1,12-dodecanediamine)]-6-deoxy starch, 2,3-di-[N(1,6-hexanediamine)]-2,3-dideoxy starch, and/or mixtures thereof.

43. (new) A composition according to Claim 25, wherein said product of reaction is present in an amount of from 0.0001% to 10% by weight of the laundry and cleaning composition.

44. (new) A composition according to Claim 43, wherein said product of reaction is present in an amount of from 0.001% to 5% by weight of the laundry and cleaning composition.

45. (new) A composition according to Claim 44, wherein said product of reaction is present in an amount of from 0.01% to 2%, by weight of the laundry and cleaning composition.

46. (new) A composition according to Claim 25, wherein said perfume component comprises a perfume aldehyde selected from the group consisting of 1-decanal, benzaldehyde, florhydral, 2,4-dimethyl-3-cyclohexen-1-carboxaldehyde; cis/trans-3,7-dimethyl-2,6-octadien-1-al; heliotropin; 2,4,6-trimethyl-3-cyclohexene-1-carbox-aldehyde; 2,6-nonadienal; alpha-n-amyl cinnamic aldehyde, alpha-n-hexyl cinnamic aldehyde, p.t. bucinal, lyral, cymal, methyl nonyl acetaldehyde, hexanal, trans-2-hexenal, and mixtures thereof.

47. (new) A composition according to Claim 25, wherein said perfume component comprises a perfume ketone selected from the group consisting of Alpha Damascone, Delta Damascone, Iso Damascone, Carvone, Gamma-Methyl-Ionone, Iso-E-Super, 2,4,4,7-Tetramethyl-oct-6-en-3-one, Benzyl Acetone, Beta Damascone, Damascenone, methyl dihydrojasmonate, methyl cedrylone, and mixtures thereof.

48. (new) A composition according to Claim 25 wherein said perfume component comprises a perfume having an Odor Detection Threshold lower or equal to 1 ppm.

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49. (new) A composition according to Claim 48 wherein said perfume component comprises a perfume having an Odor Detection Threshold lower or equal to 10 ppb.

50. (new) A composition according to Claim 25 wherein said perfume component comprises a perfume selected from the group consisting of undecylenic aldehyde, undecalactone gamma, heliotropin, dodecalactone gamma, p-anisic aldehyde, para hydroxy-phenyl-butanone, cymal, benzyl acetone, ionone alpha, p.t. bucinal, damascenone, ionone beta and methyl-nonyl ketone, and mixtures thereof.

51. (new) A process of making the laundry and cleaning composition of Claim 25, said process comprising the steps of:

- a.) preforming a reaction product having a Dry Surface Odor Index of more than 5, said reaction product being the reaction product of reaction between:
 - (i) a primary and/or secondary amine compound, said primary and/or secondary amine compound having an Odor Intensity Index of less than that of a 1% solution of methylanthranilate in dipropylene glycol; and
 - (ii) a perfume component selected from a ketone, an aldehyde, and mixtures thereof,
- b.) combining said preformed reaction product with one or more deteritive ingredients.

52. (new) A method of delivering residual fragrance to a surface, said method comprising the steps of contacting said surface with a product of reaction according to Claim 25 and thereafter contacting the treated surface with a material so that the active from the product of reaction is released.

53. (new) A method according to Claim 52, wherein said material is water.

54. (new) A method according to Claim 52, wherein said surface is a fabric.